CS2FO: HWO emstiraged. CS00

a) 1 grows faster than I becouse the polymormial with the Righer degree leading terms will grow faster than the one with the former degree leading term. In this case, I has a higher degree leading term than a since 12 has a higher degree than the former degree than the former degree than the first than a since

b) 1 grows farter than 2 because the polynomial with the higher degree leading town will grow Laster than the one with the lower degree leading torm. In this Case, the leading term of 1 is x7 and the leading term of 2 is x6. Since x7 has a higher degree than x6 !we can conclude that I grows farrer than 2.

c) sol and Lise we respectively the leading torms of I and 2. Since they are both of the same degree, the polymormial with the ligher coefficient will grow farver than the one with the lower coefficient. Since the bear coefficient of Linds of Linds

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CS2FO: HWO OC2: Logarithms a) $\log_2(\infty) = 8 \implies k = 28$ b) $\log_2(\infty) = \log_2(2) + 25$ b) $\log_2(\infty) = \log_2(2) + 25$ c) $\log_2(\infty) = \log_2(2) + \log_2(50)$ c) $\log_2(\infty) = \log_2(2) + 25$ forter than 2 because tex ply naming with segree leading term with other form the format the formation the bound of 1 is he and see feeling them idu de Hast 1 grows forrez = x1 (d Like are nespectively the leading. orden Working with Objects my greetings [1] = Hello greetings [2] = Heys de theiriffes set